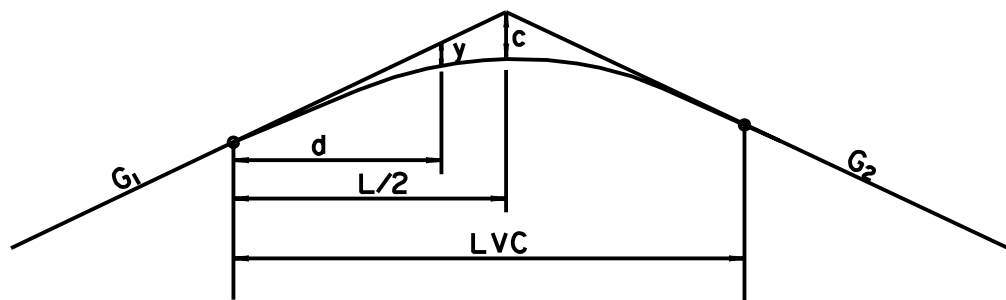


Figure 4-9: Components of a Profile



Correction at PVI, $c = \frac{(LVC)(A)}{800}$, where $A = G_2 - G_1$ in %

Correction at any point on curve, $y = \left[\frac{d}{1/2(LVC)} \right]^2 c$ LVC = Length of Vert. Curve in ft.

Distance to High Point of Crest = $\frac{(G_1)(LVC)}{A} = (G_1)(K)$
(Or Low Point of Sag)

Figure 4-10: General Properties of Parabolic Vertical Curve